

Message

From: Lytle, Darren [Lytle.Darren@epa.gov]
Sent: 7/16/2021 4:34:18 AM
To: Meredith Vance [meredith.j.vance@wv.gov]
CC: Crumlish, Karen [Crumlish.Karen@epa.gov]; Rogers, Rick [rogers.rick@epa.gov]; Michelle Cochran [michelle.L.Cochran@wv.gov]; Zirilli, Alysa [Zirilli.Alysa@epa.gov]; Douglas, J D [J.D.Douglas@wv.gov]; Myers, Seth J [Seth.J.Myers@wv.gov]; Cobb, Craig R [Craig.R.Cobb@wv.gov]; Satterfield, Zane R [Zane.R.Satterfield@wv.gov]; Hawranick, Mike [Mike.Hawranick@wv.gov]
Subject: Update RE: EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

Hello Everyone,

I was able to connect with Bob Davis, Clarksburg's operator, today. We had a good conversation. We discussed various aspects of CCT, sampling and related topics. Based on the conversation, I think the city can benefit from immediate assistance with LSL identification methodologies and guidance on assessing the state of their Pb corrosion control. The city does not appear to have any confidence in knowing where lead service lines are located (on both city and homeowner sides). The city could also greatly benefit from an expanded and targeted Pb sampling program that includes sequential profiling, for example. Lastly, they could benefit from assistance with Pb corrosion control strategies. Our team is very capable of providing the assistance the city needs and Bob seemed to be receptive to help.

I have been trying to keep up with the news on the developments regarding lead in the city's water, and the state and new federal Orders. The situation appears to be growing rapidly and I am wondering if someone could fill me in with a little more background. I also understand the city has already started receiving customer requested samples and was wondering if the results are or will be available. And lastly, I am not sure how to best engage the city moving forward particularly with the orders in place. I am looking for your thoughts and look forward to assisting you and the city.

Darren

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From: Vance, Meredith J <Meredith.J.Vance@wv.gov>
Sent: Tuesday, July 13, 2021 7:52 AM
To: Lytle, Darren <Lytle.Darren@epa.gov>
Cc: Crumlish, Karen <Crumlish.Karen@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>; Michelle Cochran <michelle.L.Cochran@wv.gov>; Zirilli, Alysa <Zirilli.Alysa@epa.gov>; Douglas, J D <J.D.Douglas@wv.gov>; Myers, Seth J <Seth.J.Myers@wv.gov>; Cobb, Craig R <Craig.R.Cobb@wv.gov>; Satterfield, Zane R <Zane.R.Satterfield@wv.gov>; Hawranick, Mike <Mike.Hawranick@wv.gov>
Subject: RE: EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

Good Morning Darren,
We are available for a call today except for 11-12 and 2:30-3:15 and tomorrow all day except for 10-11 and all day Thursday. Attached are the most recent WQPs submitted by the system.
Thanks,

Meredith

From: Hawranick, Mike <Mike.Hawranick@wv.gov>

Sent: Monday, July 12, 2021 5:18 PM

To: Lytle, Darren <Lytle.Darren@epa.gov>; Vance, Meredith J <Meredith.J.Vance@wv.gov>; Douglas, J D <J.D.Douglas@wv.gov>; Myers, Seth J <Seth.J.Myers@wv.gov>; Cobb, Craig R <Craig.R.Cobb@wv.gov>; Satterfield, Zane R <Zane.R.Satterfield@wv.gov>

Cc: Crumlish, Karen <Crumlish.Karen@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>; Cochran, Michelle L <Michelle.L.Cochran@wv.gov>; Zirilli, Alysa <Zirilli.Alysa@epa.gov>

Subject: EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

Darren:

Always good to bounce some ideas around, I have attached a Clarksburg Water Board (CWB) Monthly Operational Report. Feel free to contact Chief Water Operator Bobby Davis (304-624-5467 wtp land line) any time. Except for tomorrow, I am pretty much booked up, you are welcome to call me anytime on my cell..304-641-5564. Meredith can you set-up maybe?

Background:

7 MGD 24/7 WTP...CWB adjust pH & alk plugged into a daily LSI value to double-check corrosion control, see MOR page 3 of 3 last column.

CWB is hesitant to change their method without data to base these decisions on.

My impression is (like most older WV towns) they have plenty of LSL on their end.

Their 2010 Pb/Cu sample plan states all sites have LSLs. This being the case pH/Alk has historically worked here, and In reality the current WTP & DS staff are disconnected as far as service line material inventory. Some Cast Iron (CI) pipe in their DS also. Wholesaler and 18 consecutive PWSs are on July or August sampling, so we should be data rich soon.....say mid-august.

Clarksburg sells 1/3 of the water produced directly to their customers, the remaining 2/3 rds goes to their consecutives.

Ex. 5 Deliberative Process (DP)

All for now.

Mike Hawranick

WV Bureau for Public Health, Environmental Engr. Division

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From: Lytle, Darren <Lytle.Darren@epa.gov>
Sent: Sunday, July 11, 2021 11:25 PM
To: Vance, Meredith J <Meredith.J.Vance@wv.gov>; Hawranick, Mike <Mike.Hawranick@wv.gov>; Douglas, J D <J.D.Douglas@wv.gov>; Myers, Seth J <Seth.J.Myers@wv.gov>
Cc: Crumlish, Karen <Crumlish.Karen@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>; Cochran, Michelle L <Michelle.L.Cochran@wv.gov>; Zirilli, Alysa <Zirilli.Alysa@epa.gov>
Subject: [External] RE: [External] RE: [EXTERNAL] EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

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Hello Mike, Seth and J.D.,

I will be glad to help you and the community address corrosion issues. Let me know when you are free this week to discuss.

Darren

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From: Vance, Meredith J <Meredith.J.Vance@wv.gov>
Sent: Friday, July 9, 2021 10:02 AM
To: Lytle, Darren <Lytle.Darren@epa.gov>; Hawranick, Mike <Mike.Hawranick@wv.gov>; Douglas, J D <J.D.Douglas@wv.gov>; Myers, Seth J <Seth.J.Myers@wv.gov>
Cc: Crumlish, Karen <Crumlish.Karen@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>; Michelle Cochran <michelle.L.Cochran@wv.gov>; Zirilli, Alysa <Zirilli.Alysa@epa.gov>
Subject: RE: [External] RE: [EXTERNAL] EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

Good Morning,

I am forwarding your email/contact information to our district engineers for the Clarksburg area. It would probably be best for you to work directly with Mike, Seth, and JD since they are more intimately involved in the water system and their treatment process. I would still like to be included and will listen in as available. Thank you for your willingness to assist. Clarksburg has expressed major concern over corrosion control treatment. Look forward to working with you.

Thanks,
Meredith

From: Lytle, Darren <Lytle.Darren@epa.gov>
Sent: Thursday, July 8, 2021 2:04 PM
To: Cochran, Michelle L <Michelle.L.Cochran@wv.gov>; Zirilli, Alysa <Zirilli.Alysa@epa.gov>
Cc: Vance, Meredith J <Meredith.J.Vance@wv.gov>; Crumlish, Karen <Crumlish.Karen@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>
Subject: [External] RE: [EXTERNAL] EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

CAUTION: External email. Do not click links or open attachments unless you verify sender.

Hello Michelle and Meredith,

Let me know when you have time to discuss the situation. I can be available tomorrow morning.

Darren

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From: Cochran, Michelle L <michelle.l.cochran@wv.gov>
Sent: Thursday, July 8, 2021 11:25 AM
To: Zirilli, Alysa <Zirilli.Alysa@epa.gov>
Cc: Meredith Vance <meredith.j.vance@wv.gov>; Lytle, Darren <Lytle.Darren@epa.gov>; Crumlish, Karen <Crumlish.Karen@epa.gov>; Rogers, Rick <rogers.rick@epa.gov>
Subject: Re: [EXTERNAL] EPA's Corrosion Control Expert: Assistance To WVDHHR & Clarksburg

Thank you, Alysa! I'm sure Darren and Meredith and the folks in Clarksburg are going to be working closely on this.

On Thu, Jul 8, 2021 at 11:20 AM Zirilli, Alysa <Zirilli.Alysa@epa.gov> wrote:

Meredith and Michelle, by this email I'm pleased to introduce you to Darren Lytle (copied here). Darren is with EPA's Office of Research & Development in Cincinnati and has impressive expertise in corrosion control. Darren has graciously agreed to work with you and Clarksburg to address their concerns about installing and operating corrosion control treatment. Darren, both Michelle and Meredith are with the West Virginia Dept. of Health and Human Resources, and have been working around the clock regarding the Clarksburg Water Board's lead situation.

I shall leave it to the three of you to coordinate assistance as needed, but please keep me in the loop.

Thank you all,

Alysa

Alysa Zirilli, P.G.

Acting Chief

Drinking Water Section

EPA Region III

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